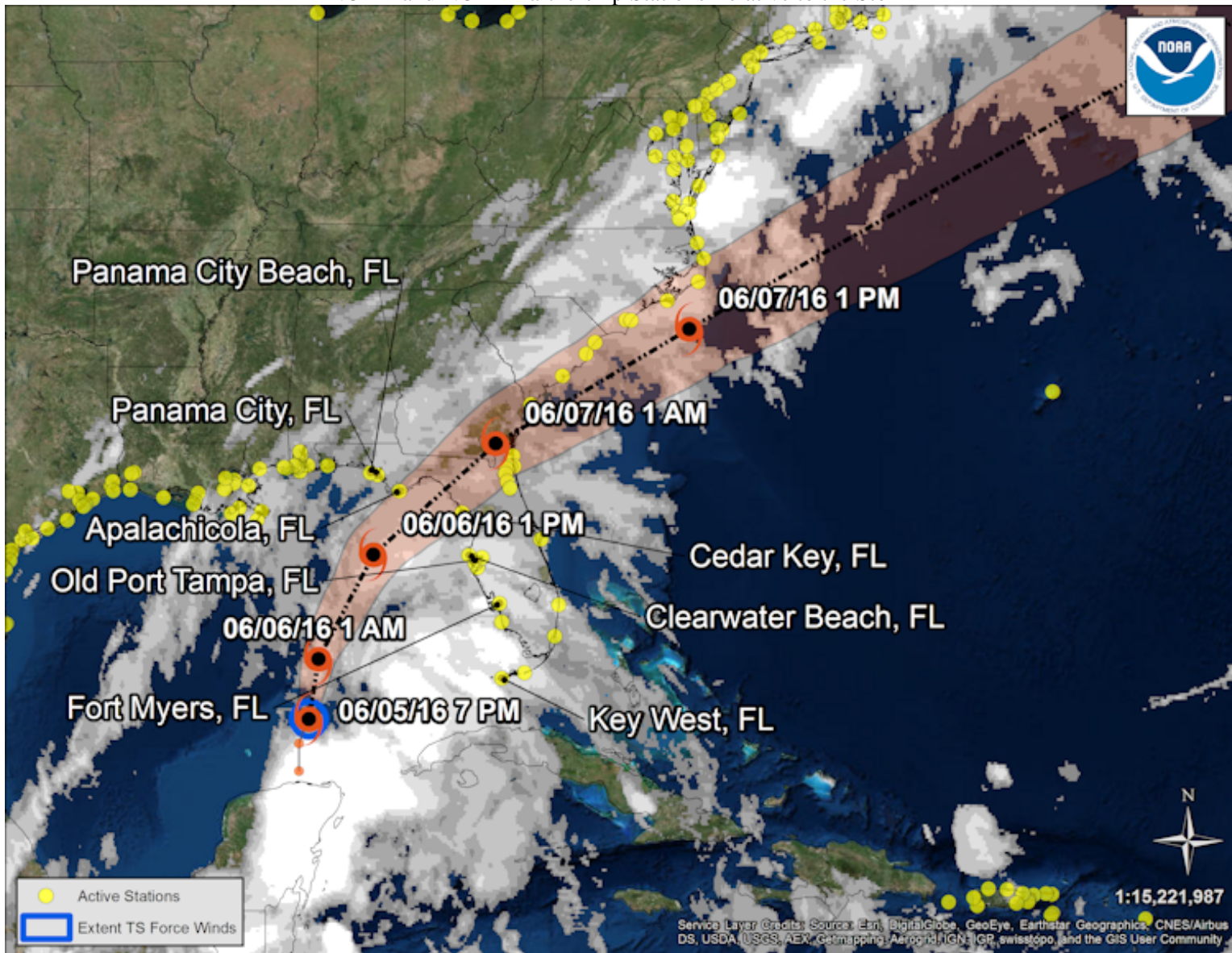




# Tropical Storm COLIN QuickLook Posted: 23:00 CDT 06/05/2016

## NOAA and NOAA Partnership Stations Relative to the Storm



## Storm Analysis

As of 06/05/2016 23:00 CDT, water levels along the Gulf Coast of Florida are slightly elevated and range from approximately 0.4 to 1.5 feet above tidal predictions. Winds speeds range between 1 and 13 knots. Winds gust of 15 to 16 knots were reported at Apalachicola and Key West, Florida respectively. Barometric pressure has remained fairly steady over the past 6 hours.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: LBA

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

BULLETIN

TROPICAL STORM COLIN ADVISORY NUMBER 3

NWS NATIONAL HURRICANE CENTER MIAMI FL AL032016

1000 PM CDT SUN JUN 05 2016

...NEW TROPICAL STORM WARNING ISSUED FOR THE ATLANTIC COAST...

SUMMARY OF 1000 PM CDT...0300 UTC...INFORMATION

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LOCATION...23.6N 87.8W

ABOUT 450 MI...720 KM SW OF TAMPA FLORIDA

ABOUT 455 MI...735 KM SSW OF APALACHICOLA FLORIDA

MAXIMUM SUSTAINED WINDS...40 MPH...65 KM/H

PRESENT MOVEMENT...N OR 10 DEGREES AT 9 MPH...15 KM/H

MINIMUM CENTRAL PRESSURE...1003 MB...29.62 INCHES

WATCHES AND WARNINGS

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CHANGES WITH THIS ADVISORY:

The Tropical Storm Watch is changed to a Tropical Storm Warning from Altamaha Sound Georgia to the Flagler/Volusia County Line Florida. A Tropical Storm Warning has been issued south of the Flagler/Volusia County Line to Sebastian Inlet Florida. A Tropical Storm Watch has been issued north of Altamaha Sound Georgia to the South Santee River South Carolina.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Tropical Storm Warning is in effect for...

\* Indian Pass to Englewood

\* Altamaha Sound to Sebastian Inlet

A Tropical Storm Watch is in effect for...

\* North of Altamaha Sound to South Santee River

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area, in this case within 24 hours.

A Tropical Storm Watch means that tropical storm conditions are possible within the watch area, in this case within 36 to 48 hours.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

## DISCUSSION AND 48-HOUR OUTLOOK

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At 1000 PM CDT (0300 UTC), the center of Tropical Storm Colin was located near latitude 23.6 North, longitude 87.8 West. Colin is moving toward the north near 9 mph (15 km/h). A north-northeastward to northeastward motion at a faster forward speed is expected tonight through Monday. On this track, the center of Colin is forecast to approach the coast of the Florida Big Bend area Monday afternoon or evening.

Maximum sustained winds are near 40 mph (65 km/h) with higher gusts. Some strengthening is forecast before Colin reaches the coast of Florida.

The estimated minimum central pressure is 1003 mb (29.62 inches).

## HAZARDS AFFECTING LAND

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**RAINFALL...**Colin is expected to produce rainfall amounts of 3 to 5 inches with isolated maximum totals of 8 inches possible across the northeastern Yucatan peninsula, western Cuba, western Florida, eastern Georgia, and coastal areas of the Carolinas through Tuesday.

**STORM SURGE...**The combination of a storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters. The water could reach the following heights above ground if the peak surge occurs at the time of high tide...

Indian Pass to Tampa Bay...1 to 3 ft with slightly higher amounts possible in a few locations.

Tampa Bay south to Florida Bay...1 to 2 ft.

Localized coastal flooding and dangerous surf is possible along the Florida East coast within the Tropical Storm Watch area.

The deepest water will occur along the immediate coast. Surge-related flooding depends on the relative timing of the surge

and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

WIND...Tropical storm conditions are expected to first reach the Gulf coast within the warning area by Monday afternoon, and the Atlantic coast within the warning area by early Tuesday. Tropical storm conditions are possible along the Atlantic coast within the watch area on Tuesday.

TORNADOES...A few tornadoes are possible on Monday across portions of Florida and far southern Georgia.

#### NEXT ADVISORY

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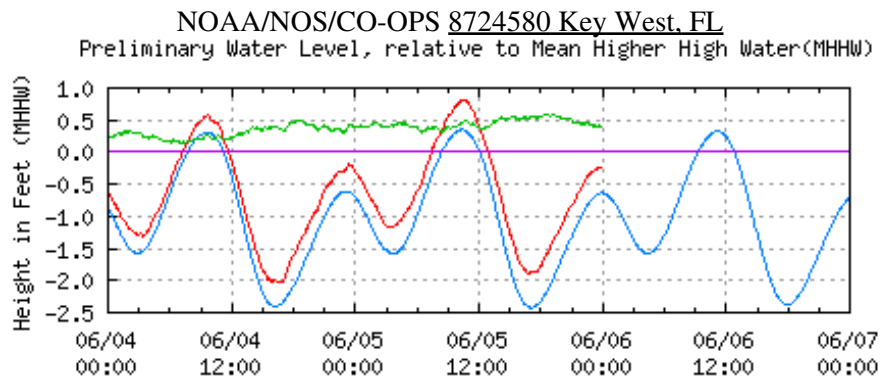
Next intermediate advisory at 100 AM CDT.

Next complete advisory at 400 AM CDT.

Forecaster Pasch

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Key West - Water Level](#), [Key West - Winds](#), [Key West - Barometric](#), [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Fort Myers - Barometric](#), [Old Port Tampa - Water Level](#), [Old Port Tampa - Winds](#), [Old Port Tampa - Barometric](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Panama City - Water Level](#), [Panama City - Winds](#), [Pensacola - Water Level](#), [Pensacola - Winds](#)



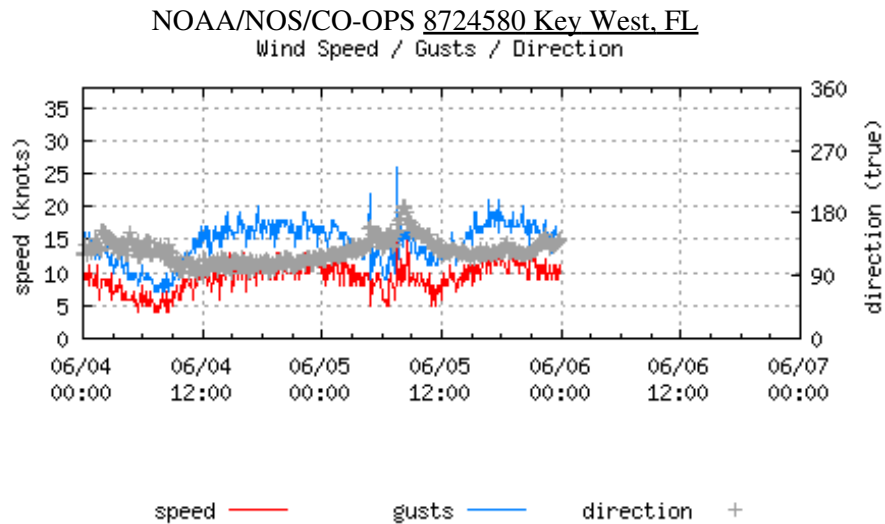
Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 06/06/2016 00:00 (EDT). Data relative to MHHW

Observed: -0.23 ft. Predicted: -0.64 ft. Residual: 0.41 ft.

Historical Maximum Water Level: Oct 24 2005, 3.14 ft.

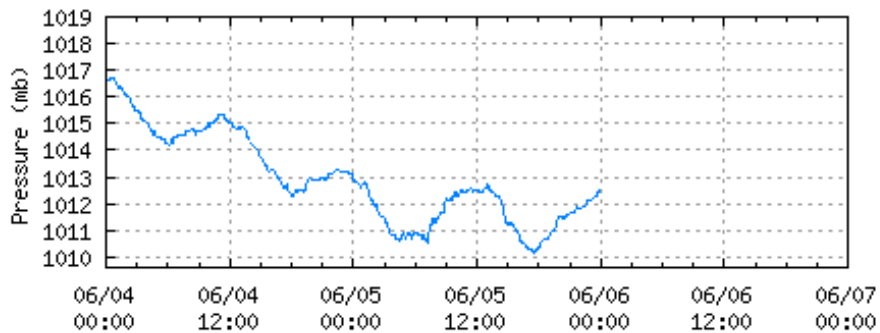
Next High Tide: 06/06/2016 11:09 (EDT), 0.33 ft.



Last Observed Sample: 06/06/2016 00:00 (EDT)

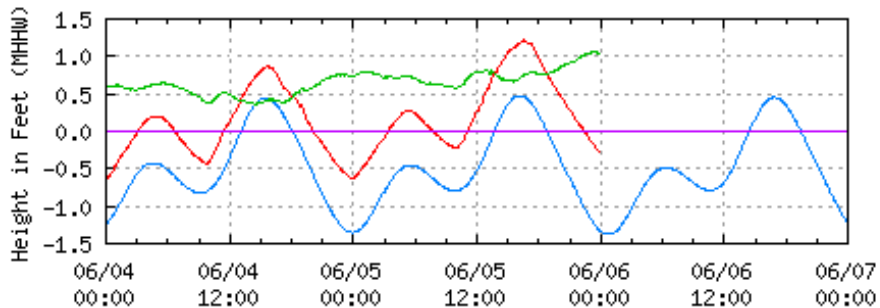
Wind Speed: 12 knots Gusts: 19 knots Direction: 147° T

NOAA/NOS/CO-OPS 8724580 Key West, FL  
Barometric Pressure



barometric pressure —  
Last Observed Sample: 06/06/2016 00:00 (EDT)  
Barometric Pressure: 1012.5 mb

NOAA/NOS/CO-OPS 8725520 Fort Myers, FL  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)

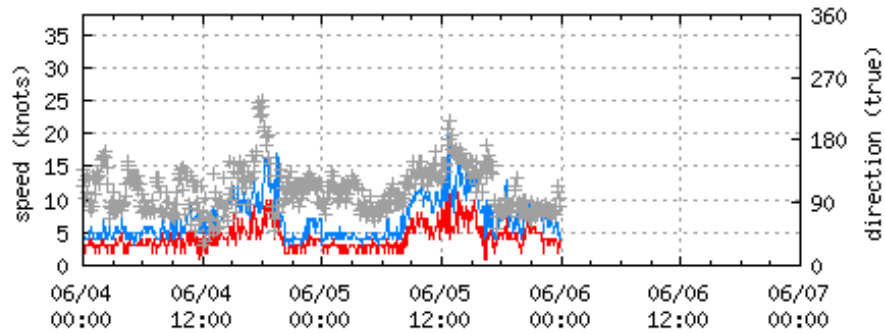


Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 06/05/2016 23:54 (EDT). Data relative to MHHW  
Observed: -0.29 ft. Predicted: -1.33 ft. Residual: 1.04 ft.  
Historical Maximum Water Level: Nov 23 1988, 3.41 ft.  
Next High Tide: 06/06/2016 06:25 (EDT), -0.49 ft.

# NOAA/NOS/CO-OPS 8725520 Fort Myers, FL

Wind Speed / Gusts / Direction



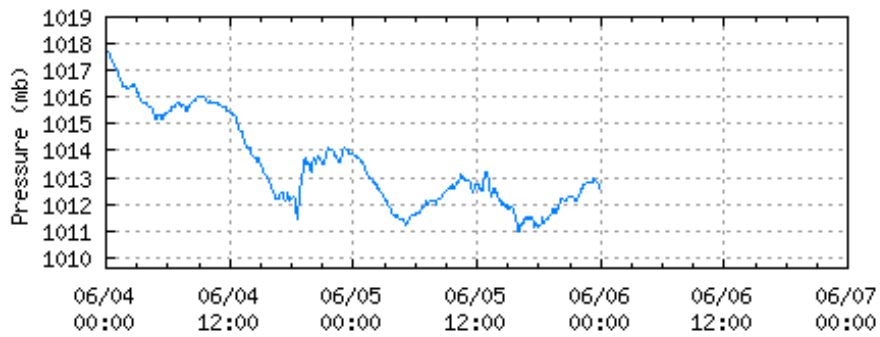
speed — gusts — direction +

Last Observed Sample: 06/05/2016 23:54 (EDT)

Wind Speed: 4 knots Gusts: 5 knots Direction: 84° T

# NOAA/NOS/CO-OPS 8725520 Fort Myers, FL

Barometric Pressure

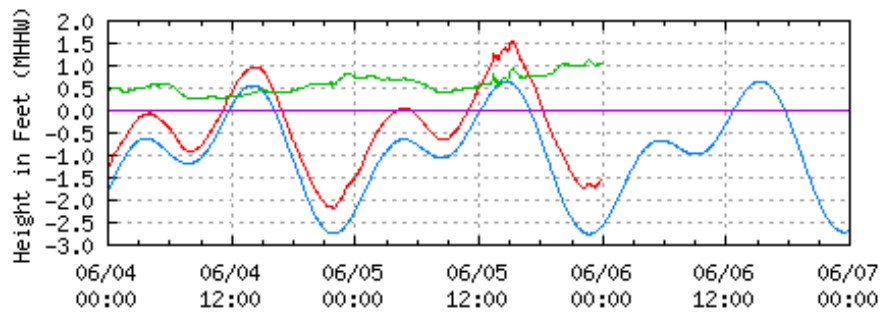


barometric pressure —

Last Observed Sample: 06/05/2016 23:54 (EDT)

Barometric Pressure: 1012.6 mb

NOAA/NOS/CO-OPS 8726607 Old Port Tampa, FL  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

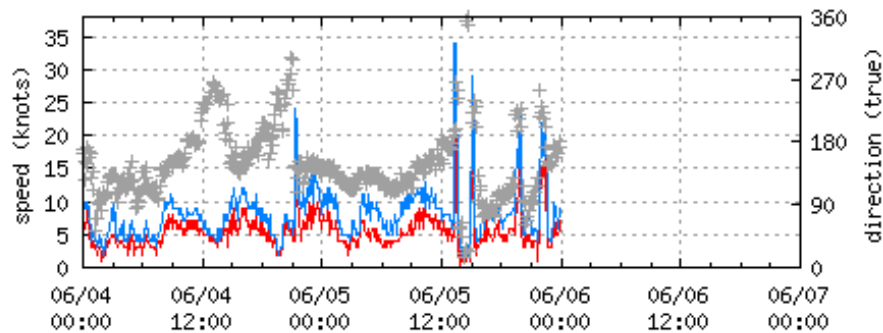
Last Observed Sample: 06/05/2016 23:54 (EDT). Data relative to MHHW

Observed: -1.54 ft. Predicted: -2.59 ft. Residual: 1.05 ft.

Historical Maximum Water Level: Oct 8 1996, 3.60 ft.

Next High Tide: 06/06/2016 05:38 (EDT), -0.67 ft.

NOAA/NOS/CO-OPS 8726607 Old Port Tampa, FL  
Wind Speed / Gusts / Direction



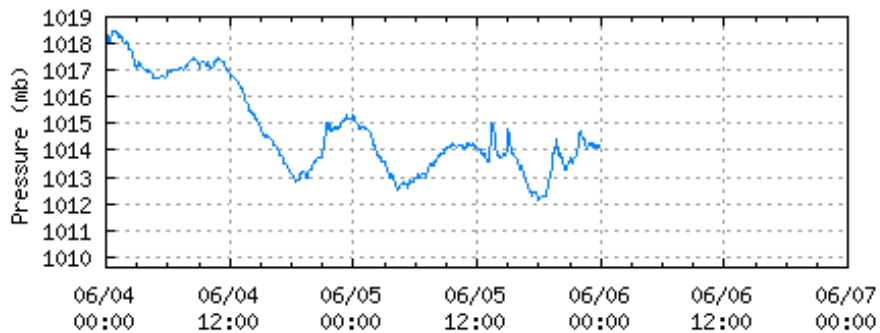
speed — gusts — direction +

Last Observed Sample: 06/05/2016 23:54 (EDT)

Wind Speed: 7 knots Gusts: 8 knots Direction: 172° T



NOAA/NOS/CO-OPS 8726607 Old Port Tampa, FL  
Barometric Pressure

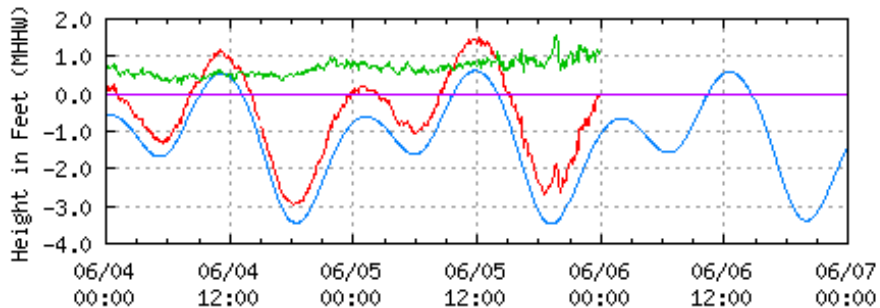


barometric pressure —

Last Observed Sample: 06/05/2016 23:54 (EDT)

Barometric Pressure: 1014.1 mb

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide —  
Observed WL —

(Obs-Pred) —  
MHHW —

Last Observed Sample: 06/05/2016 23:54 (EDT). Data relative to MHHW

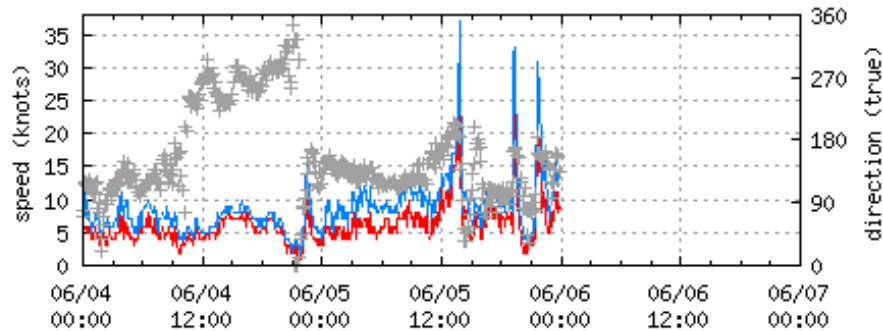
Observed: -0.11 ft. Predicted: -1.11 ft. Residual: 1.00 ft.

Historical Maximum Water Level: Mar 13 1993, 4.00 ft.

Next High Tide: 06/06/2016 02:03 (EDT), -0.66 ft.

# NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL

Wind Speed / Gusts / Direction



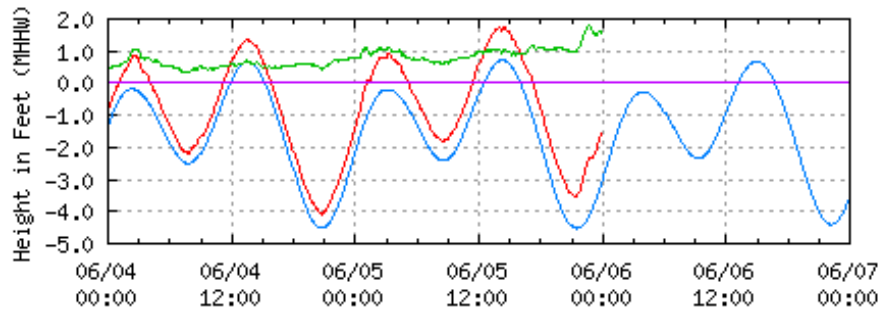
speed — gusts — direction +

Last Observed Sample: 06/05/2016 23:54 (EDT)

Wind Speed: 9 knots Gusts: 11 knots Direction: 141° T

# NOAA/NOS/CO-OPS 8727520 Cedar Key, FL

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide —  
Observed WL —

(Obs-Pred) —  
MHHW —

Last Observed Sample: 06/05/2016 23:54 (EDT). Data relative to MHHW

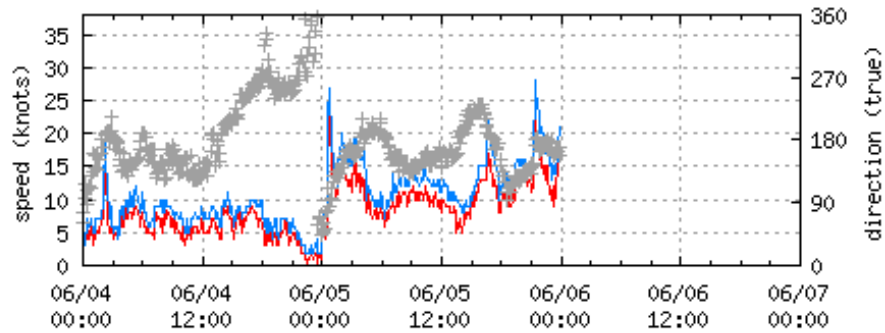
Observed: -1.55 ft. Predicted: -3.11 ft. Residual: 1.56 ft.

Historical Maximum Water Level: Oct 7 1996, 5.15 ft.

Next High Tide: 06/06/2016 03:56 (EDT), -0.27 ft.

# NOAA/NOS/CO-OPS 8727520 Cedar Key, FL

Wind Speed / Gusts / Direction



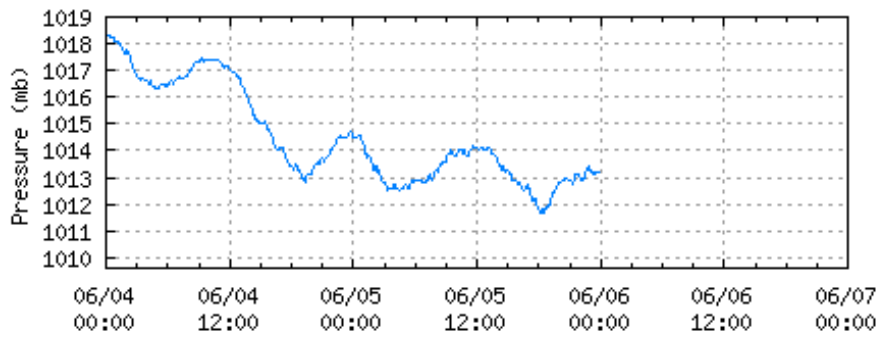
speed — gusts — direction +

Last Observed Sample: 06/05/2016 23:54 (EDT)

Wind Speed: 16 knots Gusts: 21 knots Direction: 169° T

# NOAA/NOS/CO-OPS 8727520 Cedar Key, FL

Barometric Pressure

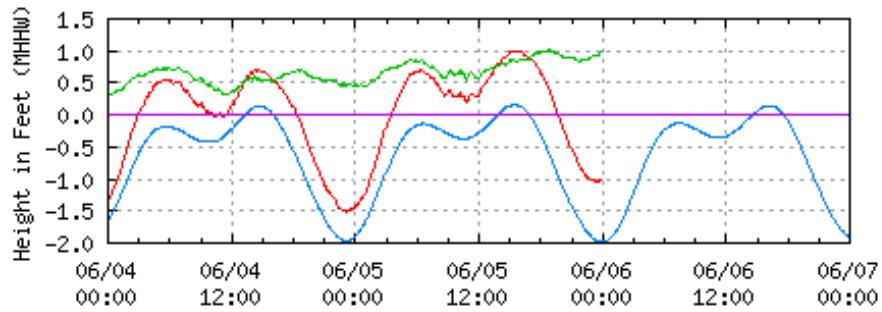


barometric pressure —

Last Observed Sample: 06/05/2016 23:54 (EDT)

Barometric Pressure: 1013.2 mb

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

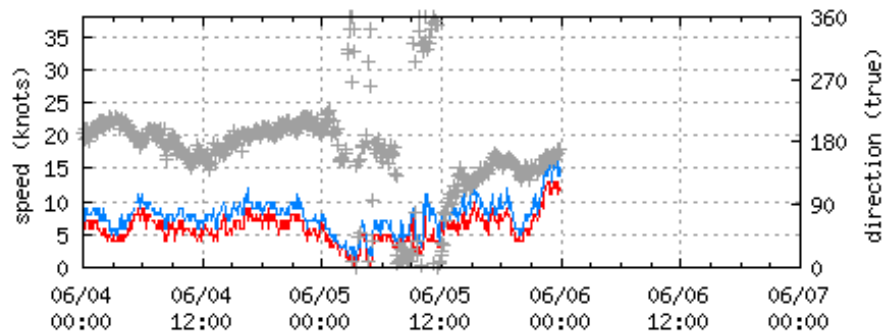
Last Observed Sample: 06/05/2016 23:54 (EDT). Data relative to MHHW

Observed: -1.00 ft. Predicted: -1.98 ft. Residual: 0.98 ft.

Historical Maximum Water Level: Jul 10 2005, 6.43 ft.

Next High Tide: 06/06/2016 07:22 (EDT), -0.13 ft.

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL  
Wind Speed / Gusts / Direction

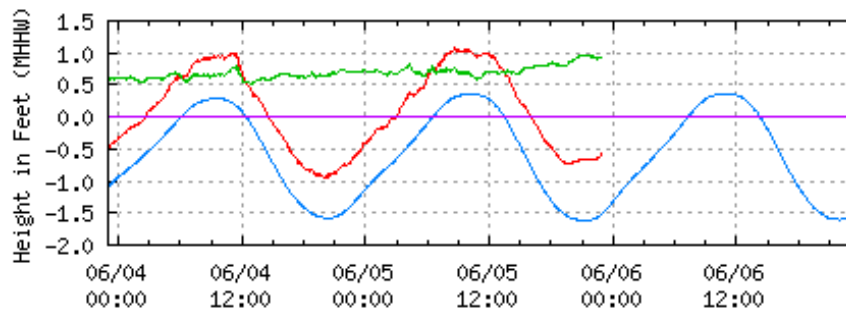


speed — gusts — direction +

Last Observed Sample: 06/05/2016 23:54 (EDT)

Wind Speed: 12 knots Gusts: 14 knots Direction: 169° T

NOAA/NOS/CO-OPS 8729108 Panama City, FL  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

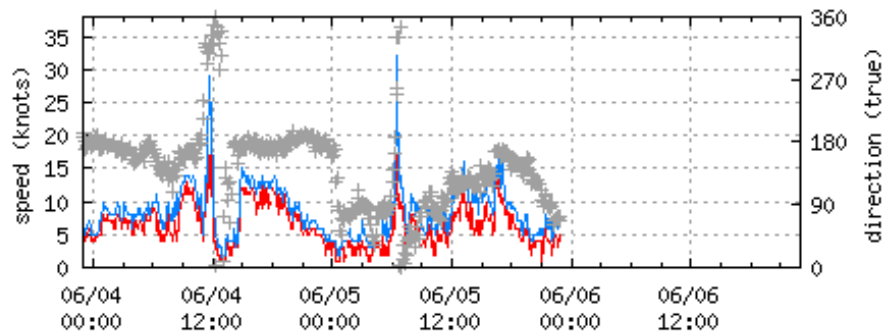
Last Observed Sample: 06/05/2016 22:54 (CDT). Data relative to MHHW

Observed: -0.58 ft. Predicted: -1.51 ft. Residual: 0.93 ft.

Historical Maximum Water Level: Oct 4 1995, 5.72 ft.

Next High Tide: 06/06/2016 10:56 (CDT), 0.37 ft.

NOAA/NOS/CO-OPS 8729108 Panama City, FL  
Wind Speed / Gusts / Direction

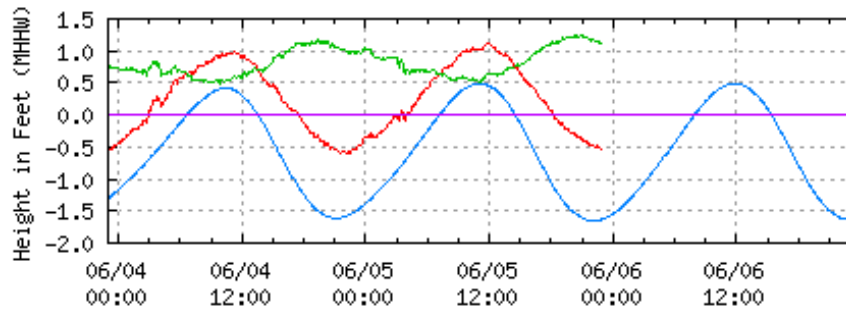


speed — gusts — direction +

Last Observed Sample: 06/05/2016 22:54 (CDT)

Wind Speed: 4 knots Gusts: 8 knots Direction: 72° T

NOAA/NOS/CO-OPS 8729840 Pensacola, FL  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

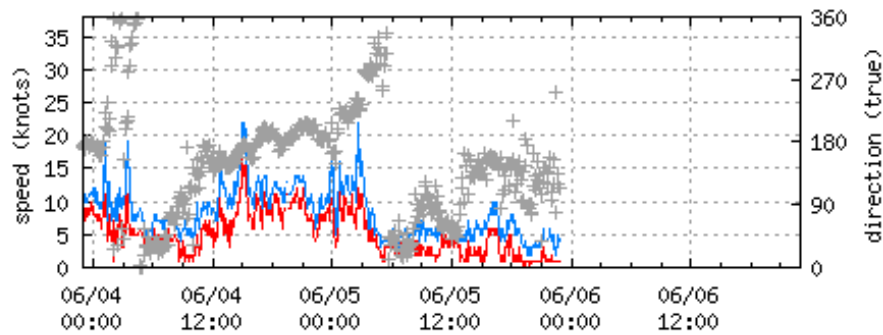
Last Observed Sample: 06/05/2016 22:48 (CDT). Data relative to MHHW

Observed: -0.53 ft. Predicted: -1.64 ft. Residual: 1.11 ft.

Historical Maximum Water Level: Sep 18 1926, 7.41 ft.

Next High Tide: 06/06/2016 11:50 (CDT), 0.49 ft.

NOAA/NOS/CO-OPS 8729840 Pensacola, FL  
Wind Speed / Gusts / Direction



speed — gusts — direction +

Last Observed Sample: 06/05/2016 22:48 (CDT)

Wind Speed: 1 knots Gusts: 4 knots Direction: 114° T

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8724580	Key West, FL	06/06/2016 00:00 (EDT)	-0.23 ft	-0.64 ft	0.41 ft	0.82 ft
8725520	Fort Myers, FL	06/05/2016 23:54 (EDT)	-0.29 ft	-1.33 ft	1.04 ft	1.21 ft
8726607	Old Port Tampa, FL	06/05/2016 23:54 (EDT)	-1.54 ft	-2.59 ft	1.05 ft	1.54 ft
8726724	Clearwater Beach, FL	06/05/2016 23:54 (EDT)	-0.11 ft	-1.11 ft	1.00 ft	1.49 ft
8727520	Cedar Key, FL	06/05/2016 23:54 (EDT)	-1.55 ft	-3.11 ft	1.56 ft	1.77 ft
8728690	Apalachicola, FL	06/05/2016 23:54 (EDT)	-1.00 ft	-1.98 ft	0.98 ft	1.01 ft
8729108	Panama City, FL	06/05/2016 22:54 (CDT)	-0.58 ft	-1.51 ft	0.93 ft	1.08 ft
8729840	Pensacola, FL	06/05/2016 22:48 (CDT)	-0.53 ft	-1.64 ft	1.11 ft	1.11 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce